

Title (en)
SYSTEM FOR FORMING BARBS ON A SUTURE

Title (de)
SYSTEM ZUR FORMUNG VON WIDERHAKEN AUF EINER NAHT

Title (fr)
SYSTÈME DE FORMATION DE BARBES SUR UNE SUTURE

Publication
EP 3195810 A3 20170906 (EN)

Application
EP 16205651 A 20100428

Priority
• US 17372309 P 20090429
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• EP 10250848 A 20100428

Abstract (en)
[origin: EP2245992A1] A station for cutting a barb suture is provided. The barb cutting station includes a suture transport assembly (200) for supporting a first suture (10), a first knife assembly (300) for forming barbs on the first suture, and a first clamp and position assembly (400) for approximating the at least first suture towards the at least first knife assembly. The barb cutting station may further include at least a first suture cutting mechanism (600) configured for severing the at least first suture when a defect is detected. The station may also include at least a first visual inspection assembly (500) configured for detecting defective barbs.

IPC 8 full level
A61B 17/06 (2006.01)

CPC (source: CN EP US)
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Citation (search report)
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• [XA] EP 2036502 A2 20090318 - TYCO HEALTHCARE [US]
• [XA] WO 03017850 A2 20030306 - QUILL MEDICAL INC [US], et al
• [XA] US 2004226427 A1 20041118 - TRULL MICHAEL [US], et al
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Designated contracting state (EPC)
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EP 2245992 A1 20101103; EP 2245992 B1 20170104; AU 2010201323 A1 20101118; AU 2010201323 B2 20140508; CA 2699160 A1 20101029;
CA 2699160 C 20170516; CN 101874747 A 20101103; CN 101874747 B 20140917; CN 104188700 A 20141210; CN 104188700 B 20160928;
EP 3195810 A2 20170726; EP 3195810 A3 20170906; EP 3195810 B1 20221102; ES 2614158 T3 20170529; ES 2930031 T3 20221205;
JP 2010259786 A 20101118; JP 2014158876 A 20140904; JP 5584514 B2 20140903; JP 5729790 B2 20150603; US 10278693 B2 20190507;
US 11000273 B2 20210511; US 2010275750 A1 20101104; US 2013218204 A1 20130822; US 2015135928 A1 20150521;
US 2017135694 A1 20170518; US 2019209169 A1 20190711; US 8402621 B2 20130326; US 8966728 B2 20150303; US 9572569 B2 20170221

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CN 201410412600 A 20100429; EP 16205651 A 20100428; ES 10250848 T 20100428; ES 16205651 T 20100428; JP 2010095541 A 20100416;
JP 2014044739 A 20140307; US 201313847207 A 20130319; US 201514603487 A 20150123; US 201715420146 A 20170131;
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